

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
SRSLABS.054C2APPLICATION NO.  
10/764,266INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Klayman et al.FILING DATE  
January 22, 2004GROUP  
2644

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BTP	1	2,062,275	11/24/36	Blumlein			
	2	3,229,038	01/11/66	Richter			
	3	3,665,105	05/23/72	Chowning			
	4	3,697,692	10/10/72	Hafler			
	5	3,745,254	07/10/73	Ohta, et al.			
	6	3,757,047	09/04/73	Ito, et al.			
	7	3,761,631	09/25/73	Ito, et al.			
	8	3,772,479	11/13/73	Hilbert			
	9	3,849,600	11/19/74	Ohshima			
	10	3,885,101	05/20/75	Ito, et al.			
	11	3,921,104	11/18/75	Gundry			
	12	3,925,615	12/09/75	Nakano			
	13	4,024,344	05/17/77	Dolby, et al.			
	14	4,052,560	10/04/77	Santmann			
	15	4,204,092	05/20/80	Bruney			
	16	4,209,665	06/24/80	Iwihara			
	17	4,218,583	08/19/80	Poulo			
	18	4,237,343	12/02/80	Kurtin, et al.			
	19	4,219,696	08/26/80	Kogure			
	20	4,308,423	12/29/81	Cohen			
	21	4,308,424	12/29/81	Blice, et al.			
	22	4,309,570	01/05/82	Carver			
BTP	23	4,329,544	05/11/82	Yamada			

EXAMINER

*[Signature]*

DATE CONSIDERED

5/1/05

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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		FILING DATE January 22, 2004	GROUP 2644

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BTP	24	4,332,979	06/01/82	Fischer			
↑	25	4,355,203	10/19/82	Cohen			
	26	4,356,349	10/26/82	Robinson			
	27	4,393,270	07/12/83	Vandenberg			
	28	4,394,536	07/19/83	Shima, et al.			
	29	4,408,095	10/04/83	Ariga			
	30	4,479,235	10/23/84	Griffis			
	31	4,489,432	12/18/84	Polk			
	32	4,495,637	01/22/85	Bruney			
	33	4,497,064	01/29/85	Polk			
	34	4,503,554	03/05/85	Davis			
	35	4,567,607	01/28/86	Bruney			
	36	4,569,074	02/04/86	Polk			
	37	4,589,129	05/13/86	Blackmer			
	38	4,594,610	06/10/86	Patel			
	39	4,594,729	06/10/86	Weingartner			
	40	4,594,730	06/10/86	Rosen			
	41	4,622,691	11/11/86	Tokumo, et al.			
	42	4,648,117	03/03/87	Kunugi, et al.			
	43	4,696,036	09/22/87	Julstrom			
	44	4,703,502	10/27/87	Kasai			
	45	4,748,669	05/31/88	Klayman			
BTP	46	4,856,064	08/08/89	Iwamatsu			

EXAMINER <u>B. J. Z.</u>	DATE CONSIDERED <u>5/1/05</u>
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U.S. PATENT DOCUMENTS							
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BT	47	4,866,774	09/12/89	Klayman			
↑	48	4,866,776	09/12/89	Kasai, et al			
	49	4,888,809	12/19/89	Knibbeler			
	50	4,891,560	01/02/90	Okumura et al.			
	51	4,891,841	01/02/90	Bohn			
	52	4,953,213	08/28/90	Tasaki			
	53	5,033,092	07/16/91	Sadaie			
	54	5,046,097	09/03/91	Lowe			
	55	5,105,462	04/14/92	Lowe			
	56	5,146,507	09/08/92	Satoh, et al.			
	57	5,180,990	01/19/93	Ohkuma			
	58	5,208,860	05/04/93	Lowe, et al.			
	59	5,228,085	07/13/93	Aylward			
	60	5,251,260	10/06/93	Gates			
	61	5,255,326	10/19/93	Stevenson			
	62	5,325,435	06/28/94	Date, et al.			
	63	5,371,799	12/06/94	Lowe, et al.			
	64	5,386,082	01/31/95	Higashi			
	65	5,420,929	05/30/95	Geddes, et al.			
	66	5,533,129	07/02/96	Gefvert			
↓	67	5,661,808	08/26/97	Klayman			
BT	68	5,822,438	10/13/98	Sekine et al.			

EXAMINER <i>A. J. [Signature]</i>	DATE CONSIDERED <i>5/1/05</i>
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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
BT	69	0 097 982 A3	01/11/84	Europe				
	70	0 312 406 A2	04/19/89	Europe				
	71	0 320 270 A2	06/14/89	Europe				
	72	0 354 517 A2	02/14/90	Europe				
	73	0 357 402 A2	03/07/90	Europe				
	74	0 526 880 A2	02/10/93	Europe				
	75	0 637 191 A2	02/01/95	Europe				
	76	0 699 012 A2	02/28/96	Europe				
	77	35 014	02/28/66	Finland				
	78	3 331 352 A1	03/14/85	Germany				
	79	59-27692	02/21/84	Japan				
	80	61-33600	02/28/86	Japan				
BT	81	62 097500 A2	05/06/87	Japan				
	82	WO 87/06090	10/08/87	PCT				
	83	WO 91/19407	12/12/91	PCT				
	84	WO 93/02503	02/04/93	PCT				
	85	2 154 835 A	09/11/85	United Kingdom				
BT	86	2 277 855 A	11/09/94	United Kingdom				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
BT	87	Kaufman, "Frequency Contouring For Image Enhancement, " <i>AUDIO</i> , February 1985, pp. 34-39.
BT	88	Eargle, J.. "Multichannel Stereo Matrix Systems: An Overview". <i>Journal of the Audio Engineering Society</i> , pp. 552-558 (no date listed).
BT	89	Stevens, S., et al., "Chapter 5: The Two-Eared Man", <i>Sound And Hearing</i> , pp. 98-106 and 196, 1965.
BT	90	Vaughan, D., "How We Hear Direction", <i>Audio</i> , pp. 51-55, December 1983.

EXAMINER <u>2-2-2</u>	DATE CONSIDERED <u>5/1/05</u>
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DTP	91	Allison, R., "The Loudspeaker / Living Room System", <i>Audio</i> , pp. 18-22, November 1971.
↑	92	Sundberg, J., "The Acoustics of the Singing Voice", <i>The Physics of Music</i> , pp. 16-23, 1978.
↓	93	Schroeder, M.R., "An Artificial Stereophonic Effect Obtained from a Single Audio Signal", <i>Journal of the Audio Engineering Society</i> , Volume 6, Number 2, pp. 74-79, April 1958.
↓	94	Kurozumi, K., et al., "A New Sound Image Broadening Control System Using a Correlation Coefficient Variation Method", <i>Electronics and Communications in Japan</i> , Volume 67-A, No. 3, pp. 204-211, March 1984.
BT	95	Ishihara, M., "A New Analog Signal Processor For A Stereo Enhancement System", <i>IEEE Transactions on Consumer Electronics</i> , Vol. 37, No. 4, pp 806-813, November 1991.

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EXAMINER <u>2. J. 2. 2.</u>	DATE CONSIDERED <u>5/1/05</u>
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